



JIM JONES
Acting Director

County of Los Angeles
INTERNAL SERVICES DEPARTMENT

1100 North Eastern Avenue
Los Angeles, California 90063

Telephone: (323) 267-2103
FAX: (323) 264-7135

"To enrich lives through effective and caring service"

September 4, 2013

To: Each Supervisor

From: Jim Jones
Acting Director

A handwritten signature in cursive script, appearing to read "JE Jones", is written over the printed name and title of the sender.

Subject: **NOTICE OF INTENT TO ENTER INTO NEGOTIATIONS FOR SOLE SOURCE AGREEMENT WITH UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA) FOR DEVELOPMENT OF AN INTERACTIVE, WEB-BASED ENERGY ATLAS TO IMPROVE REGION-WIDE ENERGY EFFICIENCY AND CLIMATE PLANNING**

This is to notify your Board that the Internal Services Department (ISD) intends to enter into sole source negotiations for an agreement with UCLA to develop a tool which will provide region-wide energy consumption patterns, greenhouse gas emissions characteristics and climate action strategies for regional and local jurisdictions – the Web-Based Energy Atlas (Atlas).

BACKGROUND

On January 15, 2013 your Board authorized ISD to execute agreements totaling \$44.8 million from the California Public Utilities Commission (CPUC) to administer and implement programs throughout the southern California region on behalf of the Southern California Regional Energy Network (SoCalREN).

The SoCalREN programs' scope of work continued many of the successful energy programs implemented by ISD using American Recovery and Reinvestment Act (ARRA) grants, which were acquired by ISD on behalf of the County and other jurisdictions throughout California.

Using Los Angeles County (County) ARRA funding, ISD developed a region-wide greenhouse gas (GHG) baseline inventory and analysis using a variety of data including high level electric and natural gas utility consumption information (by city, by residential and non-residential sectors) and other publicly available demographic information. This study quantified 2010 GHG production and provided benchmarks for GHG production by demographic criteria.

The study was completed in June of 2013 and distributed to the Los Angeles Regional Collaborative for Climate Action and Sustainability (LARC) for promotion to local jurisdictions as a Climate Action Planning tool. However, it was limited in the level of detail of data made available by the utilities.

Using City of Los Angeles (City) ARRA funding, the City contracted with UCLA to develop the "Mid-Century Warming in the Los Angeles Region" report, which is the first study to provide specific climate change predictions for the southern California region, with unique predictions down to the neighborhood level. The report, the most sophisticated regional climate study ever developed, was also promoted by the LARC as a tool for climate adaptation planning for all interested parties.

Under the SoCalREN program scope of work, \$800,000 has been budgeted to continue the Climate Action and Climate Adaptation efforts initiated by the County and City ARRA grants and managed by the LARC. Development of the Web-Based Energy Atlas by UCLA will leverage these efforts and other work accomplished by UCLA.

JUSTIFICATION FOR SOLE SOURCE AGREEMENT WITH UCLA

A sole source agreement with UCLA for the planning, development, implementation and promotion of the Web-Based Energy Atlas is required for the following reasons:

1. UCLA has acquired individual meter consumption data for customers of Southern California Edison (SCE), Southern California Gas Company (SCG), the Los Angeles Department of Water & Power (LADWP) and other municipal utilities in the County. No other entity has acquired the access to such comprehensive energy consumption data.
2. UCLA has negotiated and executed a Non-Disclosure Agreement (NDA) with the CPUC that limits use and distribution of the data and how customer confidentiality will be maintained through development of any reports. UCLA has executed similar NDAs with the other municipal utilities.
3. Under a California Energy Commission (CEC) Public Interest Energy Research grant, UCLA has developed modeling which predicts the GHG production and inventories of cities and regions which utilizes publicly available data from county assessor databases (i.e., building age, size, construction, etc), parcel databases (i.e., zoning use), census databases and others. This modeling predicts GHG production based on building characteristics and transportation patterns.

4. Using actual building/account consumption data and past modeling techniques, UCLA will generate the following outcomes for the Web-Based Energy Atlas:
 - a. GHG and energy consumption trends (for 2005-2012)
 - b. Breakdown of GHG and energy consumption by multiple building types
 - c. Breakdown of GHG and energy consumption by industry type
 - d. GHG and energy consumption patterns within individual building and industry types
 - e. GHG and energy consumption per capita, by building square footage
 - f. Other statistics and information deemed necessary to inform Climate Action Plans
 - g. A web-based platform that allows for jurisdictional or regional "mapping" of energy use intensity, consumption and other energy and GHG metrics
 - h. A compilation of energy efficiency and Climate Action Plan best practices which support coordinated, regional Climate Action Planning

NEXT STEPS

In accordance with your Board's policy, we will proceed to enter into negotiations with UCLA unless we hear to the contrary from your offices. We anticipate bringing a negotiated Agreement with UCLA to your Board for authorization for ISD to execute in October 2013.

If you have questions, please contact me at (323) 267-2103, or your staff may contact Howard Choy, General Manager County Office of Sustainability, at (323) 204-6134.

JJ:HW:dm

c: Chief Executive Officer
Deputy CEO
Executive Office, Board of Supervisors
ISD Board Deputies